

Title (en)

FIELD DEVICE WITH SELF-TESTING OF A PIEZOELECTRIC TRANSDUCER

Title (de)

FELDGERÄT MIT SELBSTPRÜFUNGUNG EINES PIEZOELEKTRISCHEN WANDLERS

Title (fr)

APPAREIL DE TERRAIN AVEC AUTOTEST D'UN TRANSDUCTEUR PIÉZOÉLECTRIQUE

Publication

EP 2805142 A1 20141126 (EN)

Application

EP 12729722 A 20120528

Priority

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- IB 2012052656 W 20120528

Abstract (en)

[origin: WO2013108086A1] An industrial process field device having a piezoelectric transducer performs self-testing of the condition of the piezoelectric transducer during a self-test mode. A charging current is supplied to the piezoelectric transducer, and voltage on the piezoelectric transducer as a result of the charging current is monitored. A diagnostic test result indicating condition of the piezoelectric transducer is produced based on the magnitude of the voltage.

IPC 8 full level

G01L 27/00 (2006.01); **G01D 3/08** (2006.01); **G01D 21/00** (2006.01)

CPC (source: EP RU US)

G01D 3/08 (2013.01 - EP US); **G01L 27/00** (2013.01 - RU); **G01L 27/007** (2013.01 - EP US); **G01R 31/58** (2020.01 - US)

Citation (search report)

See references of WO 2013108086A1

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DOCDB simple family (publication)

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